

ABSTRACT

When transmission data is modulated via spread spectrum,
not a spreading sequence itself but a transmission data
5 sequence is processed to make the periodic spectrum of a
transmission signal a non-correlated spectrum to reduce an
increase in the amplitude of the signal and to reduce the
dynamic range of an amplifier on a receiving side. A
transmission signal production method comprises the steps
10 of multiplying the transmission data by the coefficients
of a predetermined coefficient sequence to produce a
plurality of transmission data; and adding 0 data of a
predetermined length between the plurality of transmission
data, produced by multiplying the transmission data by the
15 coefficients, to produce a transmission data sequence.